

DNAxPAb

Hard-to-Find
Antibody

PLA2G6 DNAxPab

Catalog # H00008398-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PLA2G6 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MQFFGRLVNTFSGVTNLFSPFRVKEVAVADYTSSDRVREEGQLILFQNTPNRTWDCVLVNPRN
SQSGFRLFQLELEADALVNFHQYSSQLLPFYESSPQVLHTEVLQHLTDLIRNHPSWSVAHLLEVEL
GIRECFHHSRIISCANCAENEEGCTPLHLACRKGDGEILVELVQYCHTQMDVTDYKGETVFHYAVQ
GDNSQVLQLLGRNAVAGLNQVNNQGLTPLHLACQLGKQEMVRVLLCNARCNIMGPNGYPIHSA
MKFSQKGAEMIISMDSSQIHSKDPYRGASPLHWAKNAEMARMLLKRGCVNSTSSAGNTALHV
AVMRNRFDCAMLLTHGANADARGEHGNTPLHLAMSKDNVEMIKALVFGAEVDTPNDFGETPTF
LASKIGRQLQDLMHISRARKPAFILGSMRDEKRTHDHLCLDGGGVKGLIIQLLIAIEKASGVATKDL
FDWVAGTSTGGILAILHSKSMAVMRGMVFRMKDEVFRGSRPYESGPLEEFLKREFGEHTKMT
DVRKPKVMLTGTLSDRQPAELHLFRNYDAPETVREPRFNQNVNLRPPAQPSDQLVWRAARSSG
AAPTIFRPNRFLDGGLLANNPTLDAMTEIHEYNQDLIRKQGANKVKKLSIVVSLGTGRSPQVPVT
CVDVFRPSNPWELAKTVFGAKELGKMVDCCTDPDGRAVDRARAWCEMVGIQYFRLNPQLGT
DIMLDEVSDTVLVNALWETEVYIEHREEFQKLIQLLLSP

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PLA2G6

Entrez GeneID [8398](#)

GeneBank Accession# [NM_001004426.1](#)

Protein Accession# [NP_001004426.1](#)

Gene Name PLA2G6

Gene Alias Cal-PLA2, GVI, INAD1, IPLA2-VIA, PARK14, PLA2, PNPLA9, iPLA2

Gene Description phospholipase A2, group VI (cytosolic, calcium-independent)

Omim ID [256600](#) [603604](#) [608395](#) [610217](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodeling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only two of them have been determined to date. [provided by RefSeq]

Other Designations OTTHUMP00000028877|calcium-independent phospholipase A2|cytosolic, calcium-independent phospholipase A2|patatin-like phospholipase domain containing 9|phospholipase A2, group VI

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)

- [Fc gamma R-mediated phagocytosis](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dystonia](#)
- [Edema](#)
- [Frontotemporal Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Melanoma](#)
- [Neurodegenerative Diseases](#)
- [Nevus](#)
- [Parkinson Disease](#)
- [Parkinsonian Disorders](#)
- [Precancerous Conditions](#)
- [Psychotic Disorders](#)

- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Sunburn](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)